

Name: _____

Date: _____

FOIL and Factor pop quiz (version 8)

FOIL the expressions shown below:

1. $(x + 6)(x - 8)$

$$x^2 - 2x - 48$$

2. $(x + 1)(x - 3)$

$$x^2 - 2x - 3$$

3. $(x - 7)(x + 9)$

$$x^2 + 2x - 63$$

4. $(x + 2)(x - 2)$

$$x^2 - 4$$

5. $(x - 1)(x - 1)$

$$x^2 - 2x + 1$$

Factor the expressions shown below:

6. $x^2 - 5x + 6$

$$(x - 3)(x - 2)$$

7. $x^2 - 7x + 12$

$$(x - 3)(x - 4)$$

8. $x^2 + 7x + 6$

$$(x + 1)(x + 6)$$

9. $x^2 - x - 2$

$$(x + 1)(x - 2)$$

10. $x^2 + 14x + 49$

$$(x + 7)(x + 7)$$